

REMARKS/ARGUMENTS

Claims 1, 3-7, 9-20, and 22-47, are pending. No new matter has been added.

Claims 1, 3-20 and 22-47 are rejected under 35 U.S.C. §102(e) as being anticipated by Honma et al., U.S. Patent No. 6,950,871.

The undersigned would like to express his appreciation for the examiner's time for discussing the prior art and for discussing possible amendments to the claims. However, no agreements were reached.

The claims as previously presented are believed to overcome the art of record. Therefore, claims 31, 39, and 42 have not been amended. Nevertheless, in order to further the progress of prosecution, claim 1 has been amended to incorporate the subject matter of claim 8 to more certainly distinguish over the cited art. Independent claims 12 and 17 have been amended accordingly to recite similar limitations as amended claim 1. Dependent claim 9 has been written in independent form. Independent claims 27, 31, 39, 42, and 46, however, have not been amended.

Independent Claims 1, 9, 12, and 17

Independent claim 1 substantively recites in part "receiving a specification information which is descriptive of data stored in a data store associated with for a data site," "producing the extraction routine based on the specification information," and "communicating the extraction routine to the data site." See also claims 12 and 17.

Independent claim 9 substantively recites in part "receiving a first specification information which is descriptive of data stored in its associated data store," "producing and communicating a second specification information (based on the first specification information) to the data site," and "producing, at the data site, the extraction routine based on the second specification information."

Honma was cited at column 10, lines 21-35 for teaching data warehousing. However, Honma does not teach the specific recited limitations for obtaining an extraction routine as recited claim 1 (see also claims 12 and 17) where specification information about data in a data site, producing the extraction routine, and sending the extraction routine to the data site.

Similarly, claim 9 recites yet another way of obtaining an extraction routine at the data site, namely, receiving information about the data stored at the data site, producing and communicating second information based on the first information, and producing the extraction routine at the data site.

The Section 102 rejection of claims 1, 9, 12, and 17 and their respective dependent claims is believed to be overcome.

Also, for the reasons set forth below, the Section 102 rejection of claims 1, 9, and 12 and their respective dependent claims as previously presented is believed to be overcome.

Independent Claims 27, 31, 39, 42, and 46 (and claims 1, 9, and 12 as previously presented)

Independent claim 27 substantively recites in part “receiving processed data from each remote data site that produced extracted data, the processed data being received as mirrored data resulting from a data mirroring operation performed at the remote data sites, the processed data being based on the extracted data.” See also independent claims 1 (as previously presented) and 42.

Independent claim 12 substantively recites in part “perform a data duplication operation of the extracted data, wherein the central data site serves as the duplication site for the extracted data.”

Independent claim 31 substantively recites in part “performing a backup operation” where “the data is backed up to the data collection site.” See also independent claims 39 and 46.

Honma teaches a SAN architecture. Honma discloses in connection with Fig. 10 (column 9, lines 46-62) asynchronous remote copying in the SAN architecture. Honma also discloses data warehousing at column 10, lines 21-29. It is acknowledged that data warehousing includes a data copying operation from each data site (source of data) to a central data collection site.

However, a feature of the pending claims is that they recite data warehousing using techniques for backing up data to perform the data copying operation. Honma is about an integrated storage system by reinforcing collaboration of components of a storage system in

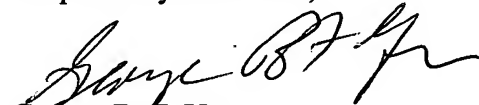
which a storage area network (SAN) is used. *Abstract.* Honma mentions that their SAN architecture can be used in a data warehousing operation. Honma does not explicitly teach “receiving processed data from each remote data site that produced extracted data, the processed data being received as mirrored data resulting from a data mirroring operation performed at the remote data sites, the processed data being based on the extracted data” as recited in claim 27 and similarly in claims 1 and 42. Honma does not explicitly teach “performing a data duplication operation of the extracted data, wherein the central data site serves as the duplication site for the extracted data” as recited in claim 12 as previously presented. Honma does not explicitly teach 31 “performing a backup operation” where “the data is backed up to the data collection site” as recited in claim 31 and similarly in claims 39 and 46.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,



George B. F. Yee
Reg. No. 37,478

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
Fax: 415-576-0300
GBFY:klo
60755935 v1